

2000030363

FIG. 1

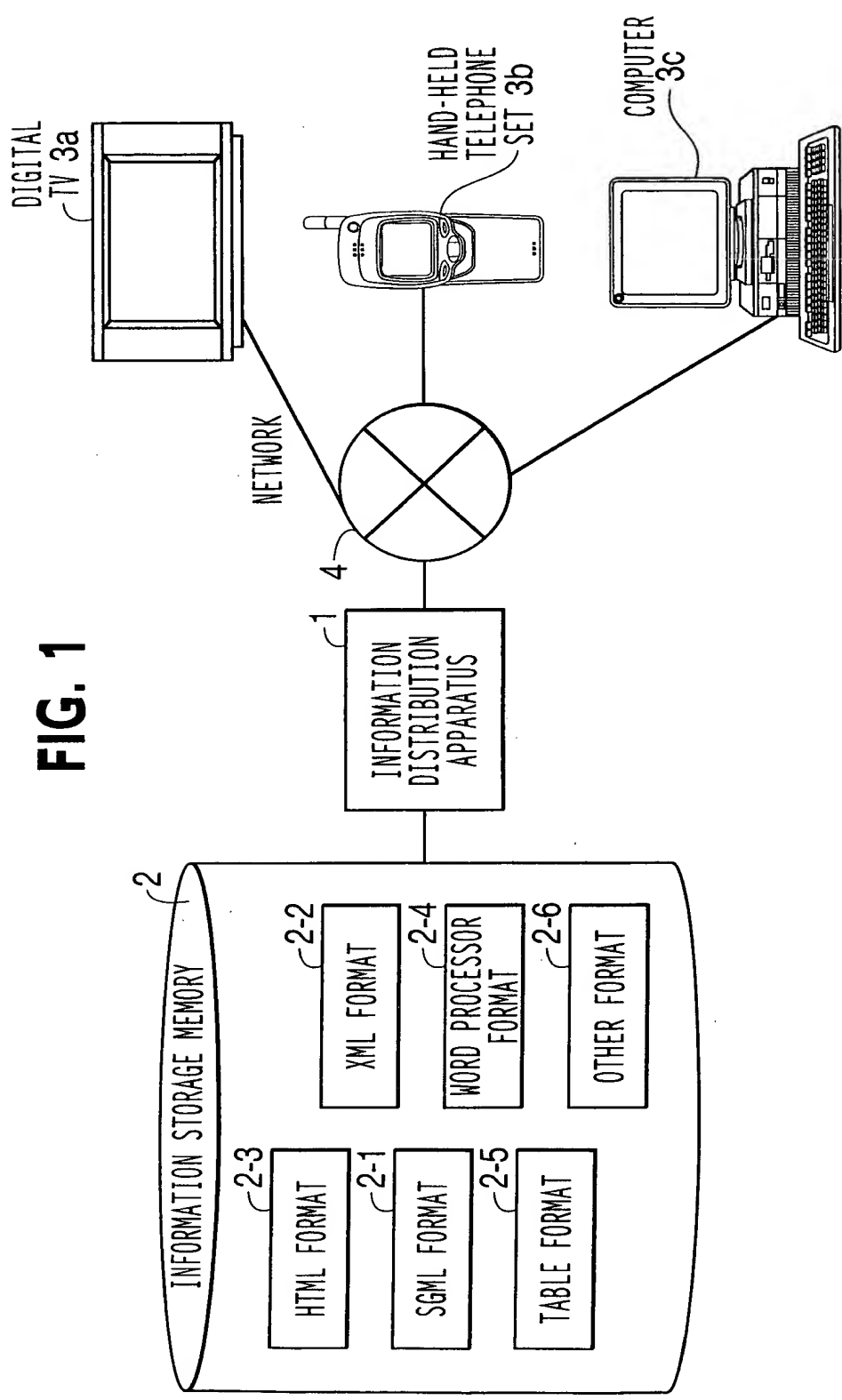


FIG. 2

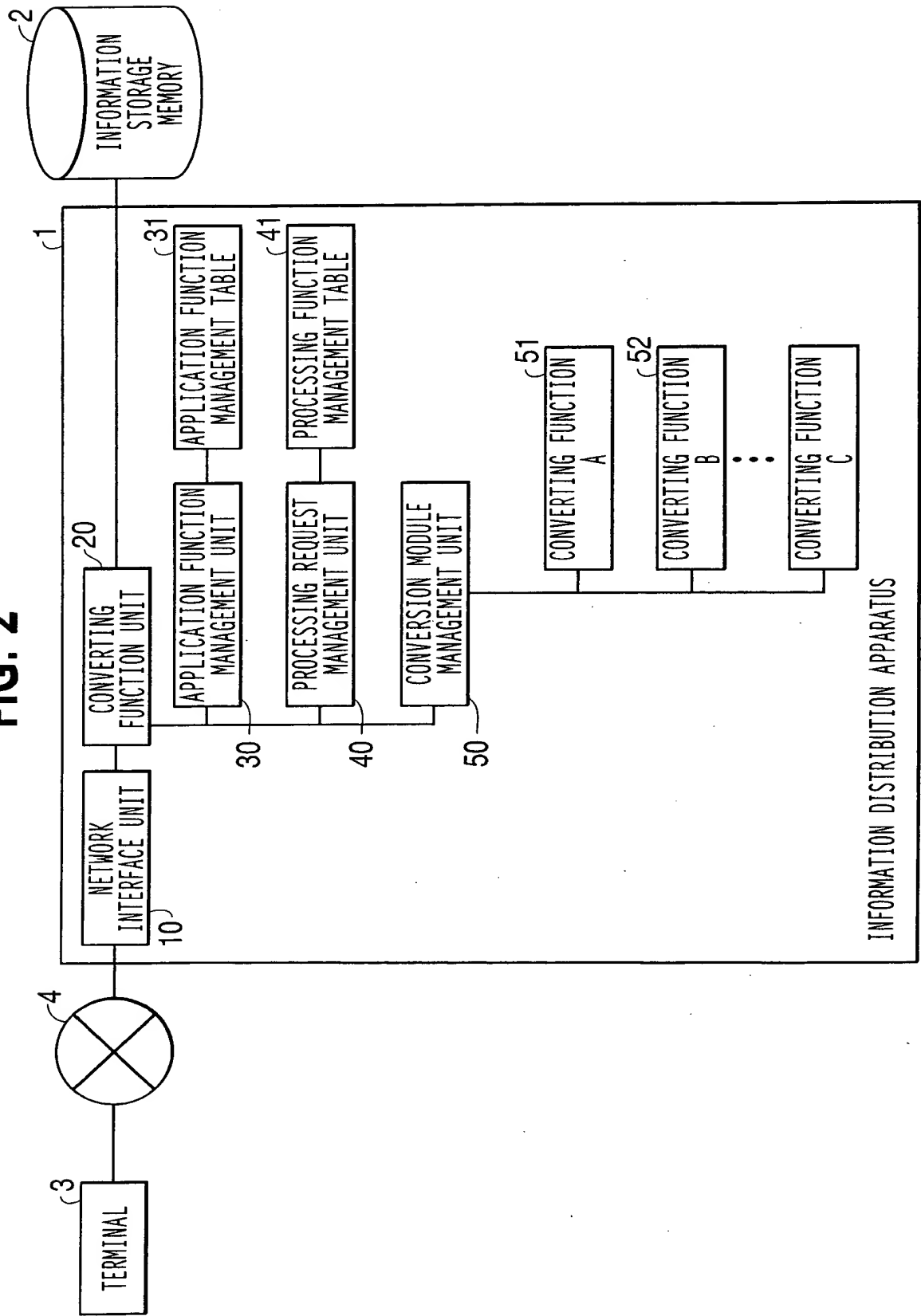


FIG. 3

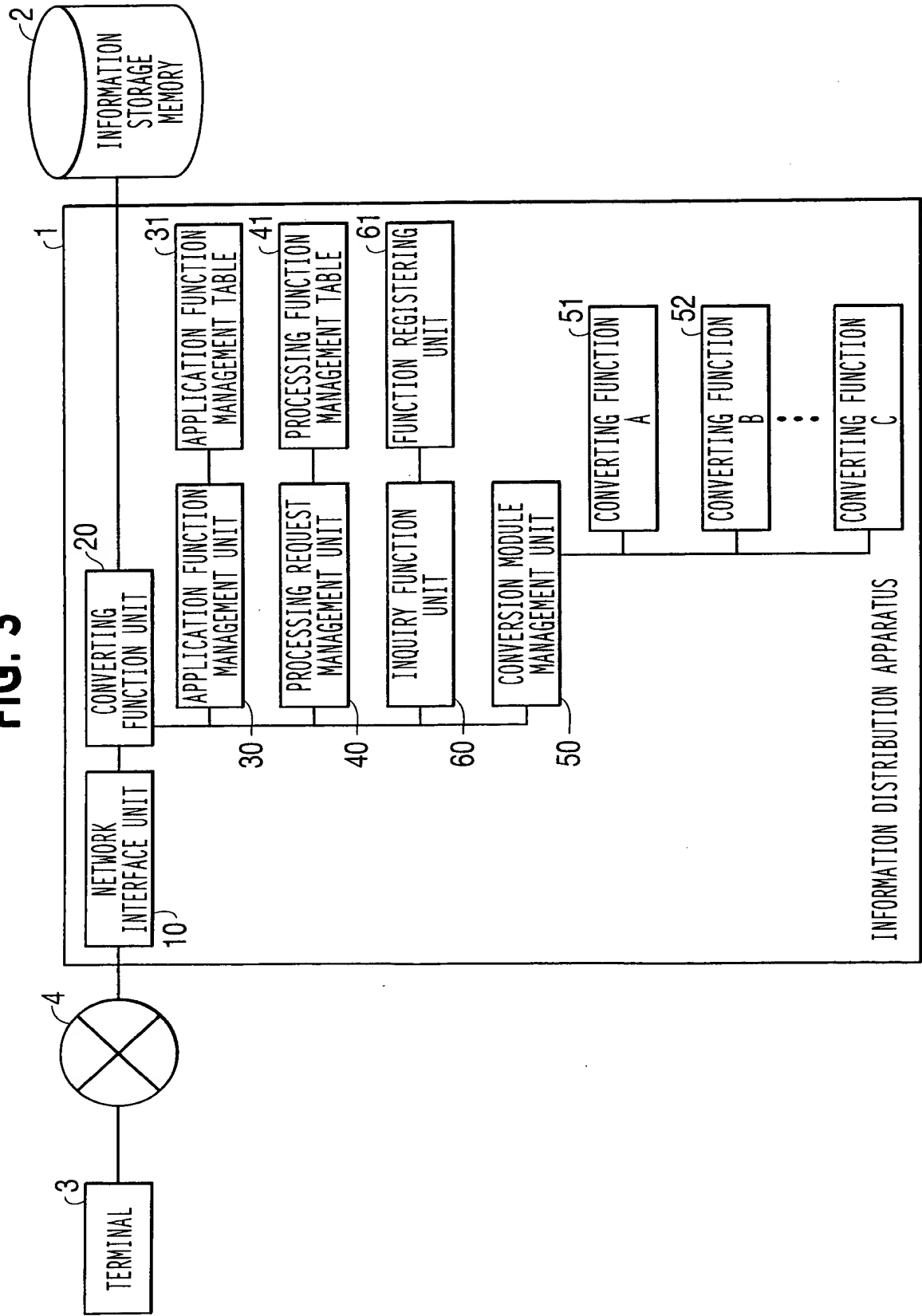


FIG. 4A

APPLICATION FUNCTION MANAGEMENT TABLE

APPLICATION NAME	TEXT DISPLAY	HTML DISPLAY	HTML LINK	XML DISPLAY	XLINK	XPOINTER	OTHER ITEMS
BROWSER A	○	○	○	×	×	×	...
WORD PROCESSOR B	○	○	○	○	×	×	...
BROWSER C	○	×	×	○	○	○	...
...

FIG. 4B

PROCESSING FUNCTION MANAGEMENT TABLE

PROCESSING NAME	HTML CONVERSION	LINK CONVERSION	POINTER CONVERSION	BURYING	OTHER ITEM
BROWSER A	○	○	×	×	...
WORD PROCESSOR B	○	○	○	×	...
BROWSER C	×	×	○	○	...
...

[illegible]

90

90-1 90-2 90-3

90

90

90-1 90-4 90-5

FIG. 5

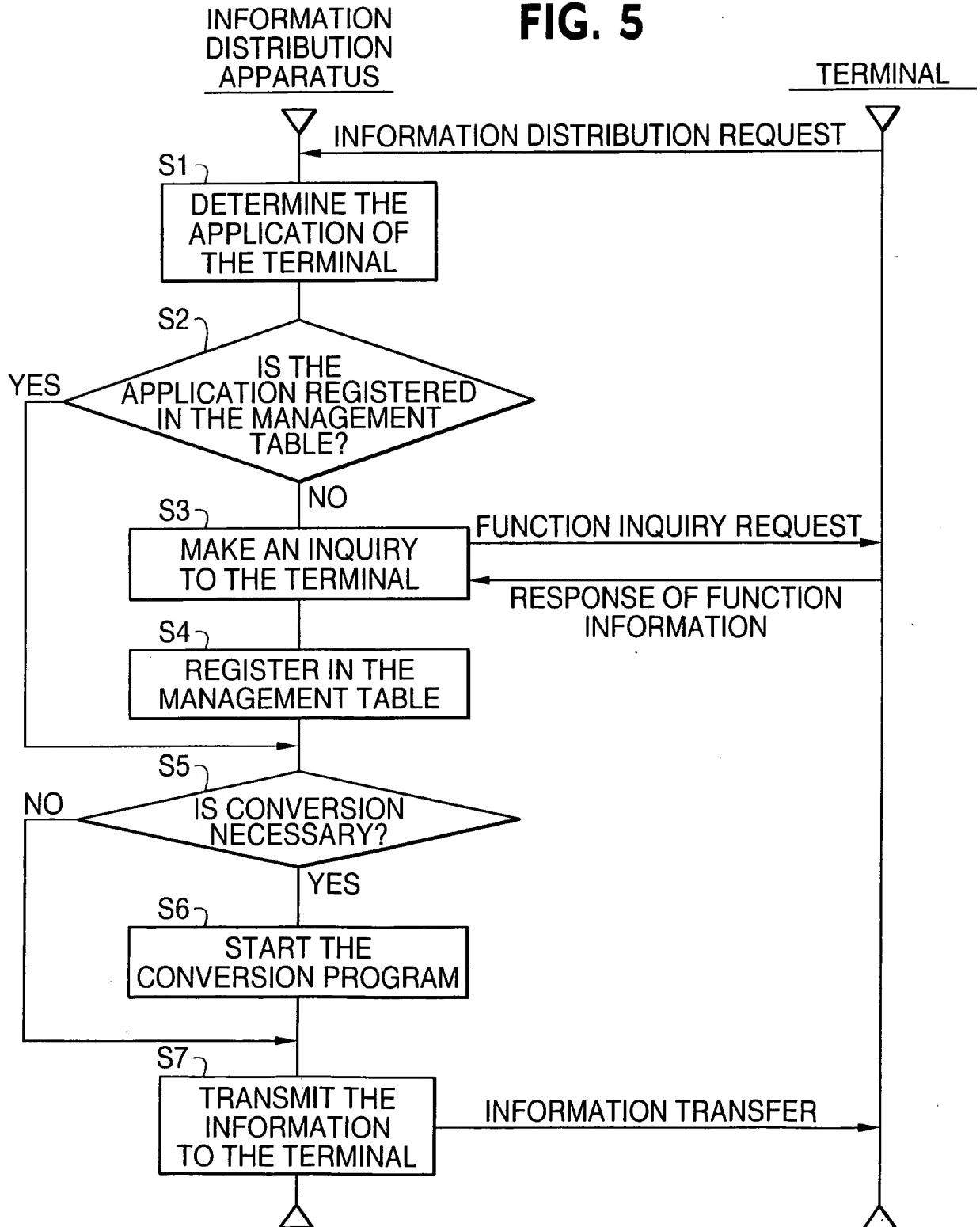


FIG. 6

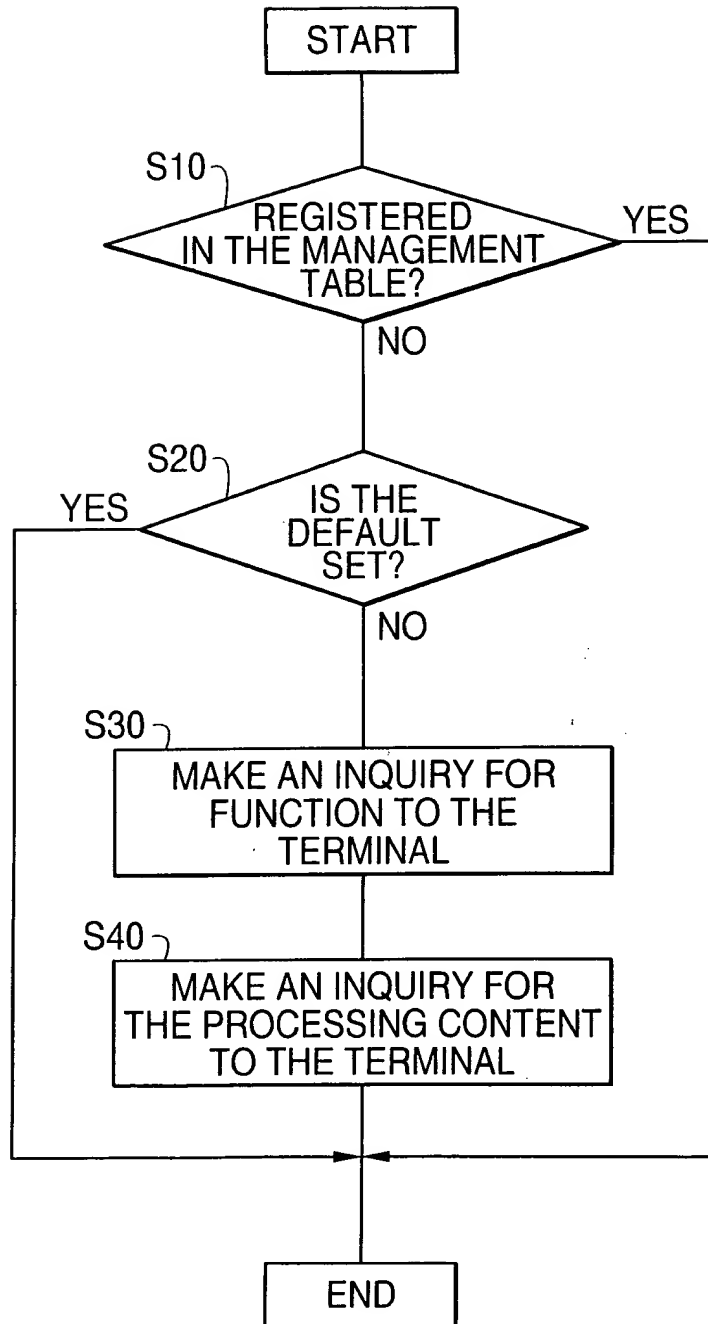


FIG. 7

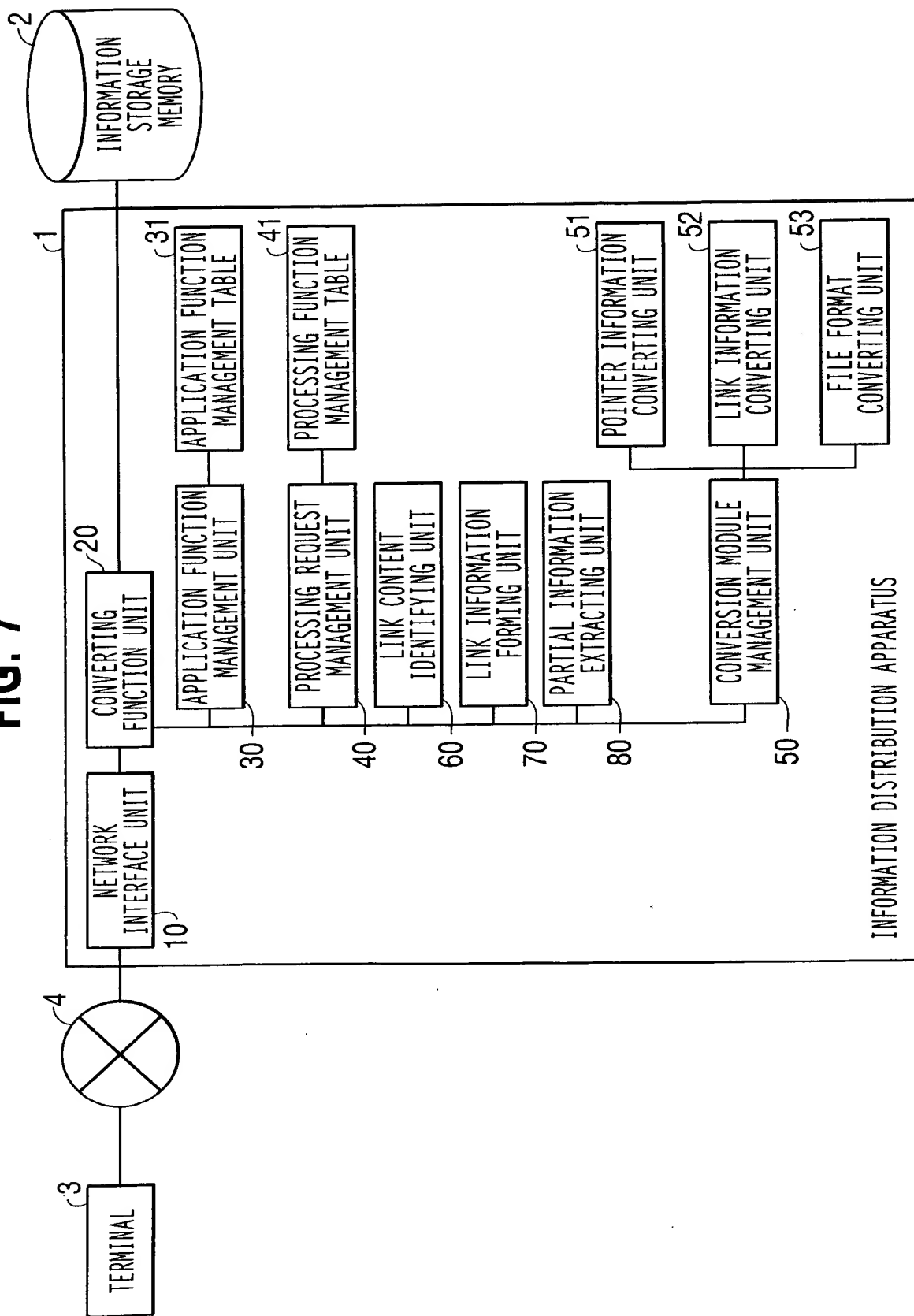


FIG. 8

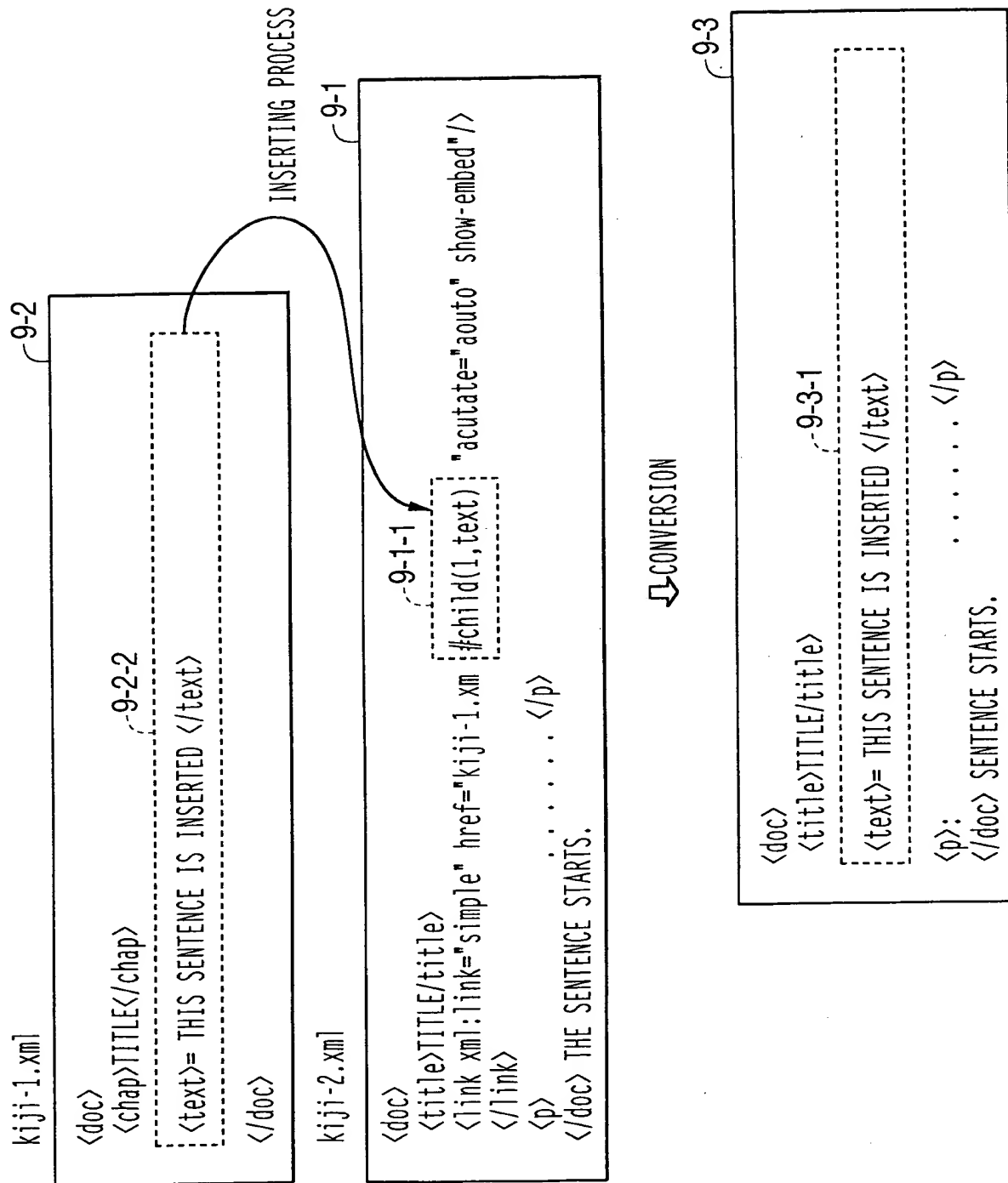


FIG. 9

9-1

```
<doc>
<title>TITLE</title>
<link xml:link="simple" href="kiji-1.xml"
#child(1,text): "acutate="user" show="replace"/>
</link>
<p>: SENTENCE STARTS . . . . . </p>
</doc>
```

↴ CONVERSION

9-4

```
<doc>
<title>TITLE</title>
<link xml:link="simple" href="kiji-1.xml"
"acutate="user" show="replace"/>
</link>
<p>: SENTENCE STARTS . . . . . </p>
</doc>
```

FIG. 10

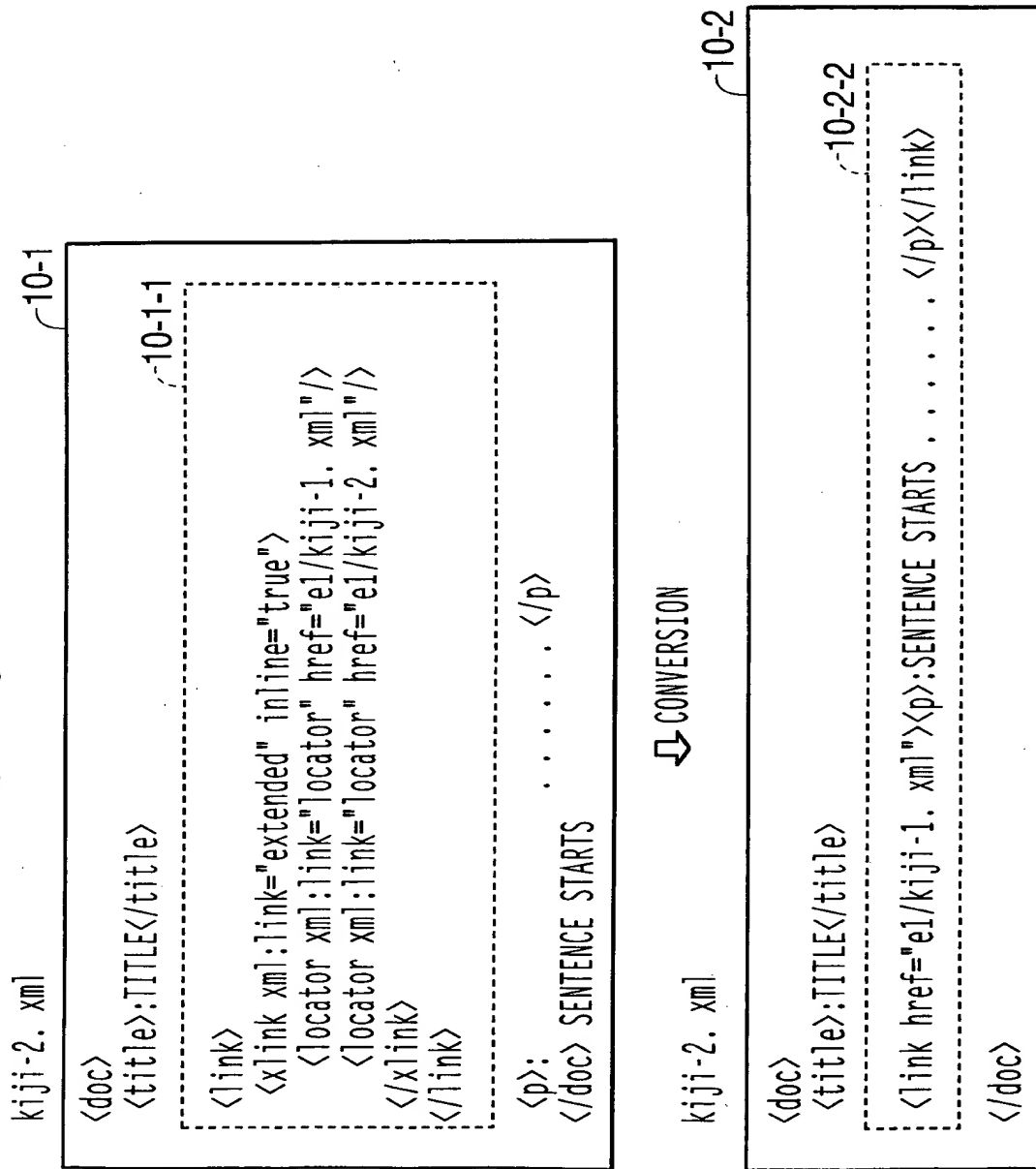


FIG. 11

11-1

```
<link>
  <locator href="e1/kiji-1.xml#child(1, title)"/>
  <locator href="e1/kiji-2.xml#child(1, title)"/>
</link>
```

11-2

```
<link>
  <locator href="e2/kiji-n.xml#child(1, title)"/>
  <locator href="e1/kiji-1.xml#child(1, title)"/>
</link>
```

11-3

```
kiji-1.xml
<kiji-1>
  <title>:TITLE</title>
  <p>
    . . . . . </p>
</kiji-1> SENTENCE STARTS.
```

↴ CONVERSION

11-4

```
kiji-1.xml
<kiji-1>
  <title>:TITLE<a href="e1/kiji-2.xml#REFERENCE 1"><a href="e2/kiji-n.xml#REFERENCE 2"></a></title>
  <p>
    . . . . . </p>
</kiji-1> SENTENCE STARTS.
```

FIG. 12A

<input type="checkbox"/> <input type="checkbox"/>	
TITLE	▲
.....	
.....	
.....	
.....	
.....	▼

FIG. 12B

<input type="checkbox"/> <input type="checkbox"/>			
TITLE	<u>REFERENCE1</u>	<u>REFERENCE2</u>	▲
.....			
.....			
.....			
.....			
.....			▼

FIG. 13

13-1

```
<doc>
<header>
<title>TITLE</title>
<date>1999.8.15</date>
<time>12:00 JST</time>
<author>Tom Suzuki</author>
<belong>FLAB.</belong>
</header>
<index>
<item>1st CHAPTER</item>
<item>2nd CHAPTER</item>
      ⋮
<item>nth CHAPTER</item>
</index>
<body>
<chapter>
<title>1st CHAPTER</title>
<para>SENTENCE OF 1st CHAPTER STARTS. . . . </para>
<para>. . . . </para>
</chapter>
<chapter>
<title>2nd CHAPTER</title>
<para>SENTENCE OF 2nd CHAPTER STARTS. . . . </para>
<para>. . . . </para>
</chapter>
      ⋮
</body>
</doc>
```



13-2

```
<doc>
<header>
<title>TITLE</title>
<author>Tom Suzuki</author>
</header>
<body>
<chapter>
<title>1st CHAPTER</title>
<para>SENTENCE OF 1st CHAPTER STARTS. . . . </para>
<para>. . . . </para>
</chapter>
<link href="#(1.header)">RETURN TO THE PRECEDING.</link>
<link href="#(2.chapter)">GO TO THE NEXT.</link>
</body>
</doc>
```



13-3

```
<doc>
<header>
<title>TITLE</title>
</header>
<body>
<title>1st CHAPTER</title>
<title>2nd CHAPTER</title>
      ⋮
<title>nth CHAPTER</title>
</body>
</doc>
```

FIG. 14

kiji-2. xml

14-1

```
<doc>
<chap>:TITLE/chap>
<text>SENTENCE STARTS. . . . . </text>
</doc>
```



kiji-2. htm

14-2

```
<html>
<chap>TITLE/chap>
<p>SENTENCE STARTS. . . . . </p>
</html>
```



kiji-2. txt

14-3

```
TITLE
SENTENCE STARTS. . . . .
```

FIG. 15A

15-1

```
<doc> FUNCTION CHECK DISPLAY
<title> FUNCTION CHECK DISPLAY </title>
<link>
<xlink xml:link="extended" inline="true">
<locator xml:link="locator" href="CHECK RESPONSE cgi"/>
<locator xml:link="locator" href="CHECK DATA xml#child(1,p1)/>
</xlink>
</link>
<p> CLICK THE LINK WHEN THE LINK IS DISPLAYED BELOW </p>
<p1>XLink POSSIBLE</p1>
</doc>
```

FIG. 15B

15-2

CLICK THE LINK
WHEN THE LINK IS
DISPLAYED BELOW
XLink POSSIBLE

FIG. 15C

15-3

CLICK THE LINK
WHEN THE LINK IS
DISPLAYED BELOW
XLink POSSIBLE